

### **REMARKS**

Claims 1, 7, 9, 11-17, 23, 25 and 27-31 are pending in the present application. Claims 1, 7, 17, 23 and 27 have been amended. Claims 2-4 and 18-20 have been canceled.

### **Drawings**

Applicant notes the Examiner's acceptance of the Replacement Drawings, as filed on February 17, 2006.

### **Claim Rejections-35 U.S.C. 112**

Claims 1-4, 7, 9, 11-20, 23, 25 and 27-31 have been rejected under 35 U.S.C. 112, second paragraph, as being indefinite. This rejection is respectfully traversed for the following reasons.

The failure analysis system of claim 1 features in combination "wherein the test terminal signal information includes a trace data map of a condition change in a register data and a RAM data for a specific period of time". Applicant respectfully submits that the interconnection and/or interrelation between the trace data map and the function to compare should be clear.

The failure analysis method of claim 17 features in combination "wherein the test terminal signal information includes a trace data map of a condition change in a register data and a RAM data for a specific period of time". Applicant respectfully submits that

the interrelationship between the trace data map and the comparing should be clear.

Applicant respectfully submits that the pending claims are in compliance with 35 U.S.C. 112, second paragraph. The Examiner is therefore respectfully requested to withdraw this rejection for at least these reasons.

### **Conclusion**

The Examiner is respectfully requested to enter the above noted amendments, which clearly place the application in condition for allowance and which should not require further consideration and/or search.

The Examiner is further respectfully requested to reconsider and withdraw the corresponding rejections, and to pass the claims of the present application to issue, for at least the above reasons.

In the event that there are any outstanding matters remaining in the present application, please contact Andrew J. Telesz, Jr. (Reg. No. 33,581) at (571) 283-0720 in the Washington, D.C. area, to discuss these matters.

Pursuant to the provisions of 37 C.F.R. 1.17 and 1.136(a), the Applicant hereby petitions for an extension of one (1) month to September 23, 2006, for the period in which to file a response to the outstanding Office Action. The required fee of \$120.00 should be charged to Deposit Account No. 50-0238.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment for any additional fees that may be required, or credit any overpayment, to Deposit Account No. 50-0238.

Respectfully submitted,

VOLENTINE FRANCOS & WHITT, P.L.L.C.

A handwritten signature in black ink, appearing to read "A. J. Telesz, Jr.", with a stylized flourish at the end.

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